



Work Order Bid (ID)

WORK ORDER INFORMATION

Work Order Name: WO/90009MD2648/1

Work Order Type: Weatherization

Audit Name: 90009MD2648Audit

CLIENT INFORMATION

Client ID: 90009MD2648

AGENCY INFORMATION

Agency: Metropolitan Development and Housing Agency

Address: 701 South Sixth Street
Nashville, TN 37206

Agency Phone: (615) 252-8500

Fax: (615) 252-8533

Email Address:

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

Audit performed on 3/22/12

Lead paint may be present
Historical Review

Auditor: Randy Radford
(615) 335-7428
serviceworks@comcast.net

Measures

Measure 1 Seal Ducts		Components				Inspected			
Comment Duct Sealing						<input type="checkbox"/>			
1) Seal boot to subfloor on all 8 registers with mastic and foil tape.									
2) Check ducts for separations or gaps, seal with mastic and foil tape on the Living Room and Stairs registers									
3) Caulk any separations between wood framing and duct structure in return plenum.									
		Estimated				Actual			
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
	Labor				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	Miscellaneous Su	Duct Sealing	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Measure Sub Total:						<input type="text"/>	Sub Total:		<input type="text"/>
Field Notes:									
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Measure 2 Infiltration Redctn**Components****Inspected****Comment** Infiltration Measures☐

- 1) DR1. Remove existing W/S and replace with new W/S. Attach new W/S metal with screws.
- 2) DR3. Install new D/S. Attach new D/S metal with screws.
- 3) Air seal plumbing penetrations under kitchen sink with expandable foam
- 4) Repair damage in ceiling on 2nd floor in left bedroom. Replace broken drywall in ceiling (approx. 2' x 11' 6") with 1/2" drywall, mud seams to air seal. Paint to match ceiling.
- 5) Patch hole in drywall in ceiling on 2nd floor in left bedroom. 2' square in ceiling. Mud seams to seal, paint to match.
- 6) Patch hole in upstairs closet with 2' x 2' square of 1/2" drywall, mud seams to seal. Paint to match
- 7) Panelling on wall of left bedroom on 2nd floor has separated from the wall and is an open access to the attic. Major air infiltration. Access to front of attic (A2) is behind panelling behind bed. Install 2' x 4' piece of drywall behind panelling to close opening. Reattach panelling and mud seams to seal.
- 8) Remove and replace existing ceiling light socket. Rewire and attach cover plate. This is an air infiltration into ceiling.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
	Labor				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	Miscellaneous Su	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

Field Notes:

Measure 3 DWH Tank Insulation**Components****Inspected**

Comment -Keep insulation at least 2 inches away from the gas valve and the burner access panel. Don't install insulation below the burner access panel.
-Use an R-8 or higher water-heater blanket for the unit. Both fiberglass and "bubble wrap" insulation are acceptable blanket materials.

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Natural Gas, 50 gal

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 4 Attic Ins. R-38**Components** A1,A2**Inspected****Comment** A1: Attic section immediately above 2nd floor (approx. 391 sqft)☐

Existing insulation: 0"
INSTALL: 12" of Blown Cellulose

Note: Install dams, baffles to best practices.

A2: Attic section on either side of 2nd floor (approx. 844 sqft) (One side is accessible through hole in closet, and the other side is accessible through the panelling in left bedroom behind bed.

Existing insulation: 2" of Blown Fiberglass
INSTALL: 10" of Blown Cellulose

Note: Install dams, baffles to best practices.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Cellulose, Blown - R-38	SqFt	391	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Cellulose, Blown - R-38	SqFt	391	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Insulation	Attic Insulation - Cellulose, Blown - R-38	SqFt	844	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Labor	Attic Insulation - Cellulose, Blown - R-38	SqFt	844	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:**

Measure 5 Wall Insulation**Components** WL1,WL10,WL2,WL3,WL4,WL5,WL6,WL8
Inspected

Comment WL1, WL2, WL3, WL5, WL6, WL8, WL10: Exterior wall type is vinyl.
WL4: Buffered wall to storage unit.
Interior walls are drywall. Install wall insulation according to the Southeast Field Guide. Get owner's permission if insulating from interior. Holes drilled for insulation must be returned to an appearance as close to the original as possible or satisfactory to the customer, if insulating from the interior.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Wall Insulation - Cellulose, Blown - 2x4 Filled	SqFt	1003	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Wall Insulation - Cellulose, Blown - 2x4 Filled	SqFt	1003	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:****Measure 6 CO Monitor is Needed****Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	CO monitor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:**

Measure 7 Replace Not Operational Bathroom Exhaust Fan**Components****Inspected**

Comment Replace existing exhaust fan in bathroom. Make sure fan vents to exterior with cap. If at all possible, run electric from closest outlet or power to light using best practices. Exhaust fan needs to be I/C rated.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Equipment	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:		

Field Notes:**Measure 8 Smoke Detector is Needed****Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Smoke detector	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:		

Field Notes:**Work Order Grand Total:****Grand Total:**